

TITLE OF INVENTION

Single Layer Fireblocking Fabric for a Mattress or Mattress Set
and Process to Fireblock Same

ABSTRACT

5 This invention relates to a single layer nonwoven fabric useful as a
fireblocking component for mattresses, and a mattress or mattress set
comprising the nonwoven fabric, and a process for fireblocking said
mattress and mattress set; the nonwoven fabric comprising at least 0.5
ounces per square yard (17 grams per square meter) of a cellulose fiber
10 that retains at least 10 percent of its fiber weight when heated in air to
700°C at a rate of 20 degrees C per minute, and at least 0.5 ounces per
square yard (17 grams per square meter) of an organic fiber that retains
90 percent of its fiber weight when heated in air to 500°C at a rate of 20
degrees C per minute, the fabric having a basis weight having at least 2.5
15 ounces per square yard (85 grams per square meter), a density of at least
0.16 gram/cm³, and an air permeability of 70 meters/min (225 ft/min) or
less.